

19980108.qrp v00_n964.qrs.980108

Date: Thu, 8 Jan 1998 19:03:12 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 964

QRP-L Digest 964

Topics covered in this issue include:

- 1) [355] Fox corrections
by "Dean Marzocca" <n2tnn@ifu.net>
- 2) [356] Re: GPS receivers for under .00
by Joe Gervais <vole@primenet.com>
- 3) [357] FYBO 20M Kit
by "\"W. Kimura\"." <W.Kimura@valley.net>
- 4) [358] Crane report
by "Dean Marzocca" <n2tnn@ifu.net>
- 5) [359] Re: GPS receivers for under \$100.00 {US}
by Paul Harden <pharden@aoc.nrao.edu>
- 6) [360] U.S. Branch of G-QRP QSL Buro
by David Gauding <david.gauding@bbs.galilei.com>
- 7) [361] Thanks for suggestions
by "V.C. Angell" <angell@northernnet.com>
- 8) [362] Re: Instant replay ... usefulness?
by Norm Melick <henmel@postoffice.worldnet.att.net>
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by VE3JC John <jbcumming@wwdc.com>
- 12) [366] Re: Neat QSL idea (stolen from N4S0)
by Jay & Jackie <jayboy@psnw.com>
- 13) [367] cq W5SB
by Paul Erickson <paul1@wizard.ucs.sfu.ca>
- 14) [368] GDOs, equip. housing
by sigcom@juno.com (Stephen M Smith)
- 15) [369] Misc Fox notes
by "Dean Marzocca" <n2tnn@ifu.net>
- 16) [370] e-mail NOTICE
by "Junius B. Fox" <w5hir@mail.phoenix.net>
- 17) [371] Re: FOX hunter behaviour and Contests
by SKIP NC90 <SKIPNC90@aol.com>
- 18) [372] FYBO '98 Prize List
by Joe Gervais <vole@primenet.com>
- 19) [373] re:80m transmitter - NH6IL

- by af852@rgfn.epcc.Edu (William R Colbert)
- 20) [374] Re: Neat QSL idea (stolen from N4S0)
by Scott Bauer <ke3nv@erols.com>
- 21) [375] Watson, WB4EXW, You there??
by Scott Bauer <ke3nv@erols.com>
- 22) [376] Shielded Loop Receiver Sale...
by Jade Account <jadepro@jadeprod.com>
- 23) [377] does AEA have a web page?
by "Wayne Barnhart" <wb7whi@triaux.com>
- 24) [378] January QRP Tidbits
by "Robert J. Gobrick" <rgobrick@worldnet.att.net>
- 25) [379] FDIM 98???
by "Robert J. Gobrick" <rgobrick@worldnet.att.net>
- 26) [380] Re: Help pls: Low power FM Broadcast equip/laws/etc
by "Ray Dennis" <w0dq@hotmail.com>
- 27) [381] W7GVN SK...
by Joe Gervais <vole@primenet.com>
- 28) [382] MVP 12 volt power source battery swap
by "Michael Connor" <mikec@primenet.com>
- 29) [383] Tucson Rod
by "Timothy J. Pettibone" <tpettibo@nmsu.edu>
- 30) [384] Re: Hamcalc
by Bob Patten <n4bp@bc.seflin.org>
- 31) [385] Re: Accuracy of L/C IIB versus RF-1
by Gardner / Maguire <bagardn@ibm.net>
- 32) [386] FOX tonight
by "William R. Moore" <wr.moore@worldnet.att.net>
- 33) [387] REQ: CQ Mar '83 and 73 Jan '75
by Peter_Simpson@3com.com
- 34) [388] Re: does AEA have a web page?
by "Roger Whitaker [K9LJB]" <k9ljb@iname.com>
- 35) [389] Re: GPS receivers for under 00.00 {US}
by Zack Lau <zlau@arrl.org>
- 36) [390] RE: Crane report (a.k.a. Sangaen 818/RS DX-390)
by "L. Mark Pilant - MS:ZK03-4/Y02 DTN:264-1529" <pilant@seesaw.ENET.dec.com>
- 37) [391] Aurora Pocket Elephant
by Tom Moll <tomm@xata.com>
- 38) [392] Re: does AEA have a web page?
by Michael Tracy <mtracy@arrl.org>
- 39) [393] Sunspots 980108
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 40) [394] Re: GPS receivers for under 00.00 {US}
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 41) [395] The Pocket Elephant: Revealed
by Ed Manuel <n5em@flash.net>
- 42) [396] Re: Help pls: Low power FM Broadcast equip/laws/etc
by Steven Weber <kd1jv@moose.ncia.net>
- 43) [397] Re: Accuracy of L/C IIB versus RF-1

- by Steven Weber <kd1jv@moose.ncia.net>
- 44) [398] Re: GPS receivers for under 00.00 {US}
by "Lau, Zack, W1VT" <zlau@arrl.org>
- 45) [399] Results of the January Spartan Sprint
by Russ Carpenter <russ@natworld.com>
- 46) [400] Help with R-5, LDG Tuner COOL!
by "Kelly Ellison" <kelman@dialnet.net>
- 47) [401] QRP Forums at Dayton
by Gary M Diana <gmdiana@kodak.com>
- 48) [402] For K10J
by "Marshall Emm" <mgemm@mtechnologies.com>
- 49) [403] WBL Paddles
by "Bob Fox" <aa8yo@tir.com>
- 50) [404] Daton Hotels
by Michael Maiorana <mikemo@ibm.net>
- 51) [405] GAP antennas
by N10DL <N10DL@aol.com>
- 52) [406] Re: Instant replay ... usefulness? I ha
by Rick McNelly <72507.235@compuserve.com>
- 53) [407] Re: GPS receivers for under 00.00 {US}
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 54) [408] Re: GAP antennas
by Bob Bayha <rbayha@ix.netcom.com>
- 55) [409] Re: Accuracy of L/C IIB versus RF-1
by Steven Weber <kd1jv@moose.ncia.net>
- 56) [410] HK-708 Hi-Mount key?
by Paul Erickson <paul1@wizard.ucs.sfu.ca>
- 57) [411] Re: Help with R-5, LDG Tuner COOL!
by "Bob Kellogg" <ae4ic@nr.infi.net>
- 58) [412] QRP Quarterly missing pages
by Bob Liesenfeld <wb0poq@visi.com>
- 59) [413] Vertical phasing network
by Paul Erickson <paul1@wizard.ucs.sfu.ca>
- 60) [414] Need Hawaii??
by "Allan G. Taylor" <ataylor@heracles.llnl.gov>
- 61) [415] QRP Plus performance
by vllario@eic.ictnet.es (Vicenc Llarío i Zarzoso)
- 62) [416] QRP Quarterly missing pages
by "W. D. (Doc) Lindsey" <70511.3041@compuserve.com>
- 63) [417] Re: HK-708 Hi-Mound key
by "Roger Whitaker [K9LJB]" <k9ljb@iname.com>
- 64) [418] TRW swapmeet
by sigcom@juno.com (Stephen M Smith)
- 65) [419] Re: QRP Quarterly missing pages
by John Sullivan <sullivjd@sound.net>
- 66) [420] Re: QRP Quarterly missing pages
by Ed Loranger <we6w@qsl.net>
- 67) [421] Re: Daton Hotels

- by Michael Maiorana <mikemo@ibm.net>
- 68) [422] Re: QRP Quarterly missing pages
by Monte Stark <ku7y@sage.dri.edu>
- 69) [423] Re: QRP Quarterly missing pages
by Monte Stark <ku7y@sage.dri.edu>
- 70) [424] Compact Loop Antennas and Wild weather in Ottawa
by "Michael Babineau" <babineau@nortel.ca>
- 71) [425] Sommer's T-25 Vertical Antenna
by pete petry <cpetry@ccs.lmco.com>
- 72) [426] FOX Flux
by Roger Hightower <n7kt@earthlink.net>
- 73) [427] Re: Vertical phasing network
by "Bob Kellogg" <ae4ic@nr.infi.net>
- 74) [428] [Fwd: Help with R-5, LDG Tuner COOL!]
by "Hugo W. Catta" <catta@ibm.net>
- 75) [429] Re: Accuracy of L/C IIB versus RF-1
by Gardner / Maguire <bagardn@ibm.net>

Date: Wed, 7 Jan 1998 19:07:37 -0500
From: "Dean Marzocca" <n2tnn@ifu.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Cc: "Chuck Adams" <adams@chuck.dallas.sgi.com>
Subject: [355] Fox corrections
Message-ID: <199801080009.TAA04783@ifu.ifu.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Chuck,

Tnx for the QSO. It's about time you got NJ in the books! Well at least my book that is.

Here are the corrections from last night, mostly typos and name changes, I was playing fill in the blanks when it got really tough. I didn't mean to call anyone names.

LOG:

0204	KJ3V	559	AL	LYNN	1227
0206	AB5UA	559	OK	CLIF	478
0212	N2WF	559	NJ	BILL	955
0212	N7IR	559	AZ	GARY	1330
0217	N6XU	559	CA	STAN	66
0218	AB7TT	559	AZ	JOE	191
0222	K5ZTY	449	TX	BILL	473

0223	W6ZH	559	CA	PETE	257
0227	K5FO	559	TX	CHUCK	1
0229	N1TP	449	FL	TOM	1317
0230	K5JHP	339	TX	BILL	825
0239	K5VUU	559	TX	ED	1343
0240	N4XDW	559	AL	JIM	1372
0244	W5FN	589	TX	TIM	586
0245	KA5T	449	TX	LARRY	89
0248	N5JI	569	TX	DICK	1054
0250	N6MM	559	CA	HARVEY	318
0251	WB0CGH	599	TX	BRUCE	377
0254	K0EVZ	559	MN	DOC	861
0300	KI0KY	599	CO	STEVE	1303
0306	K10J	559	TX	OJ	732
0307	W5SB	559	TX	BILL	1279
0309	K5ON	589	NM	GARY	770
0310	W0RW	599	WI	PAUL	2W
0315	KQ5U	599	TX	TERRY	5W
0318	KU7Y	229	NV	RON	17
0328	N4XDW	339	AL	JAY	1372
0337	NQ7X	559	AZ	FLOYD	343
0340	N0TU	559	CO	STEVE	911
0342	K1MG	339	CA	MIKE	614
0345	KI7MN	339	AZ	BOB	271
0348	N7XJW	559	AZ	BERTI	1259
0350	AA0ZZ	599	MN	CRAIG	1238
0354	KD40BQ	559	FL	BOB	1009

72/73 Dean N2TNN NJ
n2tnn@ifu.net

Date: Wed, 7 Jan 1998 17:26:55 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [356] Re: GPS receivers for under .00
Message-ID: <199801080026.RAA29257@usr08.primenet.com>

Howdy,

Mike (K1MG) wrote:

>
> I pulled out the NM topo maps, recalibrated for the correct geodesic
> approximation, identified and placed all the cited waypoints, and
> pinpointed their secret FYB0 location to be centered exactly in the

> back room of Harry's Tavern. This can't be right, can it?

(I'm telling you guys, this idea of operating
FYBO from Harry's beer cooler is great! And
with that memory keyer, we don't even have to
worry about Beer Fist!)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"Ricola!" -- Pinky and the Brain

Date: Wed, 7 Jan 1998 19:38:29 -0500
From: "\"W. Kimura\"." <W.Kimura@valley.net>
To: qrp-1@Lehigh.EDU
Subject: [357] FYBO 20M Kit
Message-ID: <199801080038.TAA16624@norwich.valley.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I really need to read the instructions before starting in on soldering up
kits. Apparently (after reading the manual) there are two PC boards
possible, both double sided but only one with plated through holes. Guess
which one I got. To TenTec's credit, they have a nice section in the manual
where they list all of the components that need to be soldered on both sides
along with placement layouts and even which lead of the part to solder to
the top of the board!

Kim Kimura, N1MVU

Date: Wed, 7 Jan 1998 19:45:20 -0500
From: "Dean Marzocca" <n2tnn@ifu.net>
To: <mitch96@pobox.com>
Cc: "QRP-L" <qrp-1@Lehigh.EDU>
Subject: [358] Crane report
Message-ID: <199801080047.TAA05814@ifu.ifu.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Mitch said:

<<<<<<<<hi, mitch here.

crane communications sells the sangaen radio line. this is the radio shack radio. they sell the 818 on sale for 150.00 with shipping. i also installed the antenna and tuning mod. very simple. the version with the tape recorded didnt get such good reviews from a european short wave mag, but the 818 did well.

with 65 feet of copper wire wrapped around my bedroom i listen to all the ham bands and around the world.

url for crane com

<http://www.ccrane.com/shortwav.htm>

happy listening

Ww4ml>>>>>>>

The Sangaen 818 is the same as the RS DX-390. I asked the same question here a while back and the response was overwhelming. Sangaen was the favorite but when I say the RS I grabbed it. I also had a 10% coupon on top of a store sale. The final price was about the same as Crane.

Also, I just bought a radio from Crane and when it arrived it wasn't the correct model. I sent them an e-mail and they said a new, correct one would be shipped immediately. Yes, it was, in about 2 days. They never asked for the first one to be shipped back until I had the replacement. I know they had my credit card number but it was real nice to get that kind of service. I would recommend C.Crane and the 818 or the DX-390 which ever comes first.

72/73 Dean N2TNN NJ
n2tnn@ifu.net

Date: Wed, 7 Jan 1998 17:52:43 -0700 (MST)
From: Paul Harden <pharden@aoc.nrao.edu>
To: "Michael A. Gipe" <mgipe@reliablemeters.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [359] Re: GPS receivers for under \$100.00 {US}
Message-ID: <Pine.SOL.3.91.980107174542.29503F-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 7 Jan 1998, Michael A. Gipe wrote:

> ... and pinpointed their secret FYBO location to
> be centered exactly in the back room of Harry's Tavern. This can't be
> right, can it?
>

> Mike K1MG

Actually, now Juanita's Tavern (new management). It's between the 5 foot snow drifts and the hot mineral springs. The waypoint is the main bath house.

72, Paul NA5N

1997 ... the year John Denver got to "Thank God I'm a Country Boy"
... in person.

(Humor off ... back to measuring diode capacitances while waiting for the QQ and QRPp to arrive).

Date: Wed, 07 Jan 1998 19:20:30 -0600
From: David Gauding <david.gauding@bbs.galilei.com>
To: qrp-1@Lehigh.EDU
Subject: [360] U.S. Branch of G-QRP QSL Buro
Message-ID: <1.5.4.32.19980108012030.008f1460@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

Seeing K5F0's recent postings about QSL's and associated costs reminded me that NF0R is still the U.S. Branch of the G-QRP QSL Bureau!

The service is provided for G-QRP member X member contacts only. Mail your cards to me at the address below. I ship cards to G4JFN two to four times a year depending on volume. Bob Hudson, who manages the U.K. bureau, will return cards directly to you via quarterly issues of SPRAT.

It is helpful if you will:

1. Put the receiving station's membership number on the TOP RIGHT HAND CORNER of the card.
2. Sort the cards in ASCENDING NUMBER ORDER instead of alphabetically by call sign.
3. Do not include cards without a G-QRP membership number or for non-members.
4. Do not send cards for contacts between G-QRP members residing in the U.S.

E-mail questions or comments to: nf0r@slacc.com

Mail cards to: Dave Gauding, 830 Coalport Drive, St. Louis, MO 63141

TNX ES GUD DX,

Dave, NF0R, #2588

Date: Wed, 7 Jan 1998 19:37:36 -0500
From: "V.C. Angell" <angell@northernnet.com>
To: qrp-l@Lehigh.EDU
Subject: [361] Thanks for suggestions
Message-ID: <103120600b0d9cd4fd904@[206.24.45.166]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I want to thank everyone who took time to offer their suggestions. While there is not many messages in the digest, my mailbox kept filling all day. The rig that won everyone vote was the Pixie 2. Before the end of the business day, I ordered a kit from HSC. As I told someone today when I replied to their message -- sometimes you just have to make sacrifices -- grin >>big grin. (I haven't built anything this winter.)

I want to offer a special thanks to Bill, N8ET of Kanga US. He is sending along free of charge "bag of parts kits for SUDDEN Receivers." Now it is up to me to get some new QRP'ers.

Thanks again everyone.
72,
"VC" KC0EM

V.C. Angell
<http://www.jewelry-magick.com>

Date: Wed, 07 Jan 1998 17:49:48 -0800
From: Norm Melick <henmel@postoffice.worldnet.att.net>
To: Low Power Amatuer Dadio Discussion <qrp-1@Lehigh.EDU>
Subject: [362] Re: Instant replay ... usefulness?
Message-ID: <34B430BB.34C94554@postoffice.worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Radio Shack has these Instant Replay devices in 30 and 60 sec.
times. They are in kit form.

Norm

Date: Wed, 07 Jan 1998 15:41:28 +0000
From: Ken Lopez <kjlopez@earthlink.net>
To: QRP-1 <QRP-1@Lehigh.EDU>
Subject: [363] For Sale: Cascade/ Sierra
Message-ID: <34B3CD83.376F@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For Sale:

Wilderness Sierra- , KC-2 keyer & digital display, Buzznot, ABX on front panel, and six (6) band modules (40M, 20M, 30M, 17M, 15M, 12M) Only 40M and 20M are built, you get the pleasure of assembling the rest! This is the current version, with the latest updates. Very little use. All of this, Expertly built, aligned, and working great for only \$475.00+ shipping.

Norcal Cascade- Only 200 of these were kitted. 80M/20M SSB. This one is still in the box, unassembled. This may be your last chance to own one of these! \$215.00 + Shipping.

If you are interested, either reply by Email, or call 818-541-0712

Cheers,

Ken, N6TZV

Date: Wed, 7 Jan 1998 21:04:36 -0600
From: "Kelly Ellison" <kelman@dialnet.net>
To: <qrp-1@Lehigh.EDU>
Subject: [364] FS: Trade: TAC-1 80 meter rig
Message-ID: <199801080303.VAA23126@shell.dialnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

For Sale:

S&S Engineering TAC-1 digital 80 meter transceiver. Like new condition. Asking \$185.00, or trade for TAC-1 40 meter unit. For more information, check <http://www.xmetric.com/sseng/>. This is a neat little monoband rig with built in filter, 4 watts output and micro-controller enabled LCD digital display. The rig has settings to tune in 1 KHz and 100 Hz steps. The display reads 100 KHz, 10 KHz, 1 KHz, and 100 Hz, respectively. The megahertz are displayed on power up. Current draw is .225A max on receive and 1.1A on Transmit. Please Contact me direct at kelman@dialnet.net This rig is perfect, but I wanted a TAC-1 for 40 meters.

Kelly Ellison
WB0WQS
QRP-1 #702

Date: Wed, 07 Jan 1998 21:26:37 -0500
From: VE3JC John <jbcumming@wwdc.com>
To: qrp-1@Lehigh.EDU
Subject: [365] Neat QSL idea (stolen from N4S0)
Message-ID: <34B4395D.1BD4@wwdc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Back in the fall I received a really unique photo QSL from Ken N4S0. Now my wife (who can't appreciate the things that really excite a qrp'er) noticed only the bikini-clad y1 in the foreground of the picture, and could not pick out the perfectly camouflaged stealth antenna hanging from the palm tree in the background . What was really neat about Ken's card was his use of a large ink jet label, containing all the necessary information (about the qso, not about the y1!) on the back of the standard 4 X 6 photo. AVERY 08164 [4" X 3 1/3", 6 per sheet] work well for this.

So snap a roll of 24 pix of your shack, get doubles made, slap customized labels on the back, and you've got a supply of very personalized QSL cards. Great for special cards for FYB0, field day, etc. Of course, Post cards from your home town work well too.

BTW, if you want to see what FYB0'97 looked like from 18 deg f southern Ontario, I've got a picture at <http://www.geocities.com/CapeCanaveral/Lab/7378/> (don't have anything else on there yet, just the one pix). Hope it starts to cool down here soon, or FYB0'98 could be a swimsuit event here! [maybe the girl in the bikini is available to help with logging !]

73, John VE3JC

Date: Wed, 07 Jan 1998 19:29:47 -0800
From: Jay & Jackie <jayboy@psnw.com>
To: qrp-l@Lehigh.EDU
Subject: [366] Re: Neat QSL idea (stolen from N4S0)
Message-ID: <3.0.1.32.19980107192947.006b90f8@mail.psnw.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

noticed only the
>bikini-clad y1 in the foreground of the picture, and could not pick out

the perfectly
>camouflaged stealth antenna hanging from the palm tree in the background .

John:

Da ya think you could get us a picture of that "stealth antenna"?

Jay, W6JDB

Date: Wed, 7 Jan 98 19:32:09 PST
From: Paul Erickson <paul1@wizard.ucs.sfu.ca>
To: qrp-l@Lehigh.EDU (qrp)
Subject: [367] cq W5SB
Message-ID: <9801080332.AA08183@wizard.ucs.sfu.ca>

Apologies to the group... Bill please email direct, your previous address is bouncing...

cheers, Paul
VE7CQK
email: paul1@wizard.ucs.sfu.ca

Date: Wed, 07 Jan 1998 22:36:29 EST
From: sigcom@juno.com (Stephen M Smith)
To: qrp-l@Lehigh.EDU
Subject: [368] GDOs, equip. housing
Message-ID: <19980107.193444.8327.0.sigcom@juno.com>

Group,

I second all the opinions on owning a GDO. Indispensable. IMO, they're not too hard to find. I usually see two or three for sale every trip I make to the TRW swap meet here in Southern CA. and the prices are usually very reasonable (\$15- \$25 range). Mine is a Lafayette (anyone else on the list have one of those?) that uses a 6CW4 RCA Nuvistor tube (ah, nostalgia). Has worked FB for 30 years or so.

I was at All Electronics in Van Nuys today (Wednesday). Not much new, but I did spot a neat plastic housing that could house a QRP rig including batteries. \$2.50 ea., cheap. It's in their catalog, #MB-60. This box is 9.5"L x 6.25"W x 2"H and has perforations on top for a 2"

round speaker (you know what a hassle it is to punch holes for a speaker grill!).

73.....Steve, WB6TNL

Date: Wed, 7 Jan 1998 22:56:15 -0500
From: "Dean Marzocca" <n2tnn@ifu.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [369] Misc Fox notes
Message-ID: <199801080357.WAA01849@ifu.ifu.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Gang with the guns...

A few mental ramblings.....

As I am reading the digest from last night a few thoughts come to mind.
#1 It is great to be the center of attention and I wish I could have done better to get more hounds in the log. There is plenty of pelt material to go around on this guy. I see many posts where I could have completed a qso with them but the noise just shut us down.
#2 When I sent 599 to you, it was really 599. I sat back and said WOW, this is how it must be in CA when they run 75 hounds into the ground in 2 hours. There were times that the signals were 229, and I sent that, and they were covered with digi and dukey. Thanks for at least trying, it would have been lonely here without your calls.
#3 The guys that sent their call 5 times just made things worse. I only have 2 ears and they are connected to the same brain. One at a time please.
#4 Like Bruce (VE5RC/VE5QRP) said, no Canada, strange....maybe too cold up there.

Thats all for now CUL

72/73 Dean N2TNN NJ
n2tnn@ifu.net

Date: Wed, 07 Jan 1998 22:10:28 -0600
From: "Junius B. Fox" <w5hir@mail.phoenix.net>
To: qrp-l@Lehigh.EDU

Subject: [370] e-mail NOTICE
Message-ID: <3.0.1.32.19980107221028.00872e70@mail.phoenix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

For you who are interested, I am making a change in internet providers.
My current e-mail address is w5hir@mail.phoenix.net.
this will change to w5hir@gte.net. Currently I am running both
providers until I am satisfied that everyone who is interested has the
change. Thanks,

Foxy
w5hir@mail.phoenix.net

"success is recognizing a dead horse and burying it with the least ceremony"

Date: Wed, 7 Jan 1998 23:08:12 EST
From: SKIP NC90 <SKIPNC90@aol.com>
To: ki7mn@dancris.com, qrp-1@Lehigh.EDU
Subject: [371] Re: FOX hunter behaviour and Contests
Message-ID: <f00c6b90.34b4512d@aol.com>
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 98-01-07 10:31:36 EST, ki7mn@dancris.com writes:

<< The keyword is always
>listen first then act. My recommendation is to send your call one
>time when you hear the fox make a CQ and see if the fox comes back.

Too true. If I hear one short, sharp call, I'll more likely answer that one
than the one that repeats over and over.

>>

I agree. I'll work them soon to cut down on their QRM. As a DX station
I'll also work those stations that call repeatedly but they are the very last
QSL's sent if at all. Many of these stations do not know what they are
listening for. Or do not hear the other station at all.

72/73 De Skip NC90

Date: Wed, 7 Jan 1998 21:26:27 -0700 (MST)
From: Joe Gervais <vole@primenet.com>

To: qrp-1@Lehigh.EDU
Subject: [372] FYBO '98 Prize List
Message-ID: <199801080426.VAA14277@usr02.primenet.com>

Howdy Folks,

For as long as we can remember (well, if you have a
really short memory...) brave FYBO ops have answered
the call of duty, of adventure, and of anything
radiating in the HF spectrum.

Now you'd think the mere thought of braving the winter
elements and exchanging temps would be more fun than
the Surgeon General would recommend. In fact it is. So
at the risk of going completely over the top, we present
the FYBO '98 prize list! Note that this is only for QRP-L
members - keeps it clean and cozy.

So, without further ramblings, behold The List:

- 1) A GM-XX xcvr from Small Wonder Labs, courtesy of Dave NN1G
and Jay WA5WHN. Thanks guys! This will be awarded to the
individual who works the most AZ FYBO stations. With AZ
and NM QRPers converging in eastern AZ, it's going to be
a "target-rich" environment. Shoot fast, shoot often. :-)
- 2) In memory of our friend Rod (W7GVN), we ScQRPions will
raffle off a 38-Special xcvr kit and Rainbow tuner kit, to
be awarded separately. A valid log with at least 10 FYBO
QSOs will get your name in the raffle. Winners must agree
that they will *build* and *use* these kits, or give them
to a newbie and Elmer them along. We think Rod would've
liked it that way.
- 3) A big package of York Peppermint Patties to the Home op
with the lowest operating temp. This will help give you
that feeling of mushing a sled team across the frozen
tundra! (Or so the commercials tell me....)
- 4) A bottle of proper Southwestern hot sauce to the Field op
with the lowest operating temp. If this doesn't heat you
up, nothing will. :)
- 5) Certificates to FYBO ops with the highest scores and lowest
operating temps in both the Field and Home categories. The
blanks will be printed *before* FYBO, so you'll have those
puppies in your frozen paws before the Spring Thaw hits!

That's it! Just our way of saying an extra "Thanks for your support" to all of our fellow QRP-Lers out there.

Only 4 weeks 'til FYBO folks! Get prepared before it's too late!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"Ricola!" -- Pinky and the Brain

Date: Wed, 7 Jan 98 21:27:30 MST
From: af852@rgfn.epcc.Edu (William R Colbert)
To: n4dj@juno.com, qrp-1@Lehigh.EDU
Subject: [373] re:80m transmitter - NH6IL
Message-ID: <9801080427.AA05821@rgfn.epcc.Edu>

Don, and others - the location of Jeff Herman NH6IL's qrp circuits is:

<http://www.acs.ncsu.edu/HamRadio/HF/qrp/projects/>

nice site with transmitter circuits for 2, 15, 20, 40, 80 and I don't remember all, but well worth marking and visiting.
Hope this helps.
73 Ray

--
Ray Colbert, W5XE
00TC 3618, SOWP 1064M
El Paso, Tx (Far West Texas)
(also: v31xe@dzn.com)

Date: Wed, 7 Jan 1998 23:56:56 -0500 (EST)
From: Scott Bauer <ke3nv@erols.com>
To: jbcumming@wwdc.com, qrp-1@Lehigh.EDU
Subject: [374] Re: Neat QSL idea (stolen from N4S0)
Message-ID: <199801080456.XAA11728@smtp3.erols.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

I have his card too. I only noticed the pretty gal in the bikini though ;-))
pretty slick way to hide an antenna!!

Scott

At 09:26 PM 1/7/98 -0500, you wrote:

>Back in the fall I received a really unique photo QSL from Ken N4SO. Now my
>wife (who can't appreciate the things that really excite a qrp'er) noticed
only the

>bikini-clad y1 in the foreground of the picture, and could not pick out the
perfectly

>camouflaged stealth antenna hanging from the palm tree in the background .

What was

>really neat about Ken's card was his use of a large ink jet label,
containing all the

>necessary information (about the qso, not about the y1!) on the back of the
standard 4 X

>6 photo. AVERY 08164 [4" X 3 1/3", 6 per sheet] work well for this.

> So snap a roll of 24 pix of your shack, get doubles made, slap customized
labels

>on the back, and you've got a supply of very personalized QSL cards. Great
for special

>cards for FYB0, field day, etc. Of course, Post cards from your home town
work well

>too.

>

> BTW, if you want to see what FYB0'97 looked like from 18 deg f southern
Ontario,

>I've got a picture at <http://www.geocities.com/CapeCanaveral/Lab/7378/>
(don't have

>anything else on there yet, just the one pix). Hope it starts to cool down
here soon,

>or FYB0'98 could be a swimsuit event here! [maybe the girl in the bikini
is available

>to help with logging !]

>

> 73, John VE3JC

>

>

>

>

>

>

Date: Thu, 8 Jan 1998 00:03:15 -0500 (EST)
From: Scott Bauer <ke3nv@erols.com>
To: qrp-1@Lehigh.EDU
Subject: [375] Watson, WB4EXW, You there??
Message-ID: <199801080503.AAA13348@smtp3.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Sorry for the bandwidth.

Hey Watson, been trying to answer your email but it keeps bouncing.

Thanks for the Fox QSO and happy hunting !!

72, scott w3cv

Date: Thu, 8 Jan 98 00:04:31 PST
From: Jade Account <jadepro@jadeprod.com>
To: qrp-1@Lehigh.EDU
Subject: [376] Shielded Loop Receiver Sale...
Message-ID: <Chameleon.980108000831.jadepro@jadepro.jadeprod.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Since things slow down after the Holiday rush, I figured it would be a good time to put something on sale to keep things moving. Since the Shielded Loop Receiver by N1BYT (Cover story on QST, October, 1997) has had a fair bit of interest, we're putting it on sale for three weeks, until January 31. If you're interested, have a look at the CURRENT SALE page on the WEB site below.

72'

Dennis, K1YPP

Jane Blanchard, KA1FUN, President -- Dennis Blanchard, K1YPP, Chief Engineer

Jade Phone: 603-329-6995 (Telephone hours 4 to 10 PM EST)
 FAX: 603-329-4499

Products, Orders: 800-523-3776
Inc. e-mail: jadepro@jadeprod.com

US Mail: Jade Products, Inc
PO Box 368
East Hampstead, NH 03826-0368

See our Web Page: <http://www.jadeprod.com/>

Date: Wed, 7 Jan 1998 21:22:51 -0800
From: "Wayne Barnhart" <wb7whi@triax.com>
To: "QRP List" <qrp-l@Lehigh.EDU>
Subject: [377] does AEA have a web page?
Message-ID: <199801080528.VAA06642@smtp.triax.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Was wondering if AEA has a web page or some kind of e-mail facility...

Wayne WB7WHI
Spokane, Wa.

A bug a day keeps the vampier away...Renfield

Date: Wed, 07 Jan 1998 21:51:31 -0600
From: "Robert J. Gobrick" <rgobrick@worldnet.att.net>
To: qrp-l@Lehigh.EDU
Subject: [378] January QRP Tidbits
Message-ID: <3.0.32.19980107214950.0069740c@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRP-L gang,

Have a few idle hours at home here and I thought I post two noteworthy

items for the QRP aficionados:

1. Just received the latest sales flyer from Tech America and their front cover has a half price sale on what looks like a real nice Edsyn temperature-controlled soldering station (Reg \$149 on sale for \$74.50). I know nothing about the unit but the promo looks good. If you get into some real heavy duty QRP kit building (like the Pixie II) then you shouldn't be without a nice temperature controlled soldering iron. Anyway I don't own stock in Tech America (or Tandy) blah blah etc. and their number is 1-800-877-0072.

2. QEX, "The Forum for Communications Experimenters" ARRL technical ham magazine looks like it's going after the CQ Communications Quarterly readership. Their new Jan/Feb 98 bimonthly publication is now a "real" magazine (just like the QRP ARCI QRP Quarterly) with a color cover and chuck full of ham techy articles. It looks marvelous and I hope it evolves into the next "Ham Radio" type publication.

I want to point out one article that is a must read for anyone building yagi antennas. Zack Lau W1VT, QEX Contributing Editor and frequent QRP-L contributor writes a terrific article on Homebrewing a 6 Meter Yagi. What I always like about Zack's writings is that he always makes his pieces a tutorial along with the topic information that he is conveying. Even if you don't want to build a 6 meter yagi, his article is chock full of yagi design and building tidbits that it's a "must read" article.

Anyway that's it from my ground hog "hole" as Ron KU7Y would say. I really appreciate the nice postings on this QRP-L - I'm in a job situation where I don't always have time to make posts but I religiously read my QRP-L Digest daily. Thanks to you all and thanks to Chuck and Jim for keeping the QRP-L the BEST ham reflector around..

Cheers 73/72 Bob N0EB (and half the time UN7/N0EB)

| PLEASE NOTE NEW EMAIL ADDRESSES - PLEASE REPLY TO BOTH ADDRESSES |
|

| Bob Gobrick - N0EB & V01DRB (ex WA6ERB, VE2DRB) Stillwater, MN |

| Internet: rgob@tengizchevroil.com |

AND Internet: rgobrick@worldnet.att.net

Date: Wed, 07 Jan 1998 21:19:44 -0600

From: "Robert J. Gobrick" <rgobrick@worldnet.att.net>

To: "Bernard F. Gaffney, Jr." <n8pvz@concentric.net>

Cc: qrp-l@Lehigh.EDU
Subject: [379] FDIM 98???
Message-ID: <3.0.32.19980107211607.00697634@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Bernard and QRP-L Gang,

Very shortly (like real soon now) the first announcements for Dayton "Four Days in May 1998" will be posted here on the QRP-L. There are some very exciting changes being made this year to FDIM 98 (May 14-17). The most important change is that the QRP Amateur Radio Club International will be hosting the event from start to finish. This will include the Thursday QRP Symposium, Friday QRP Banquet and the Saturday NorCal/QRP-L Building Contest and of course the always open-for-business "QRP Hospitality Suite".

QRP ARCI will also be officially handling room reservations for the Days Inn Dayton South QRP Headquarters.

Anyway I'll be posting the official PR release in a few days with some announcements on the star-studded (well maybe just studded) line-up of QRP Presenters for the QRP Symposium.

"The Excitement is Building" (statement borrowed from the New England QRP Club)

Cheers 73/72 Bob N0EB - QRP ARCI FDIM 98 Publicity Chairperson

Date: Wed, 07 Jan 1998 17:39:53 -0500
From: "Bernard F. Gaffney, Jr." <n8pvz@concentric.net>
To: qrp-l@Lehigh.EDU
Subject: [348] FDIM 98???
Message-ID: <3.0.32.19980107173947.00694aa0@pop3.concentric.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Is there going to be another FDIM(Four Days In May) this year in Dayton? I jump in and out of the list quite often, so may have missed the announcement, if there was one.

Tnx.

72/73 de N8PVZ

Bernard F. Gaffney, Jr. N8PVZ

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|-----|
| PLEASE NOTE NEW EMAIL ADDRESSES - PLEASE REPLY TO BOTH ADDRESSES |
|-----|
| Bob Gobrick - N0EB & V01DRB (ex WA6ERB, VE2DRB) Stillwater, MN |
|   Internet:    rgob@tengizchevroil.com |
| AND Internet:  rgobrick@worldnet.att.net |
|-----|
```

Date: Wed, 07 Jan 1998 21:51:13 PST
From: "Ray Dennis" <w0dq@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [380] Re: Help pls: Low power FM Broadcast equip/laws/etc
Message-ID: <19980108055114.15588.qmail@hotmail.com>
Content-Type: text/plain

>Date: Tue, 6 Jan 1998 10:36:06 EST
>Reply-To: SNickrand@aol.com
>From: SNickrand <SNickrand@aol.com>
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Help pls: Low power FM Broadcast equip/laws/etc
>
>My church is considering buying a low powered FM (regular broadcast
band) xmtr
>for short-range broadcasting of church services to nearby shut-ins. We
>currently have available to us the low-end Ramseys kit which is ok but
doesn't
>do music very well. We are considering the higher end Ramsey kit,
which
>claims better freq. stability. Here are my questions:
>
>1. Is it legal to do this? If so, what are power limits? Are there
any any
>other limits, such as
>proximity to other stations?
>
>2. Any recommendations for the equipment? Our current budget for the
xmtr is
>about \$150, although this could be increased if justified.
>
>3. Antenna location would be in the steeple (the highest, "invisible"
locale
>available). Considering a discone-type (ie., a vertical, with radials

>pointing downward, 45 degrees off of horizontal). Any suggestions for better

>arrangement?

>

>Thank you, in advance, and God bless. Bill Nickrand, KB9KOL

>

>

Dear Bill,

Unfortunately, if you have a usable signal more than a couple hundred feet from the transmitter, you are probably illegal.

The legal field intensity allowed just won't allow you to go very far. Will you get caught? Probably not, but the potential exists, and a confrontation with the FCC would be very embarrassing for a church.

You might do better on the AM band. The rules are a little different there. Instead of restricting you to a certain field intensity at a certain distance, you are restricted to 100 milliwatts of input power and a 10 foot maximum length antenna (this would include any feed line). The range is whatever it will do at that power level.

I have put legal transmitters on top of buildings with a approx 10 foot CB whip as an antenna and heard the signal as far away as 20 miles. The usable signal was typically 1/2 to one mile. The other important point is that the frequencies used for this DX was between 1620 and 1700 KHZ (the new expanded AM band). Results will be much less impressive in the crowded conventional AM band.

Ramsey has a couple AM transmitters. If you get one, be sure and get the synthesized one. Frequency stability is very important.

Ray Dennis W0DQ

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Wed, 7 Jan 1998 23:11:27 -0700 (MST)

From: Joe Gervais <vole@primenet.com>

To: ARDUJENSKI@aol.com (ARDUJENSKI)

Cc: qrp-1@Lehigh.EDU

Subject: [381] W7GVN SK...

Message-ID: <199801080611.XAA29278@usr09.primenet.com>

Content-Type: text

Howdy Alan,

I'm copying QRP-L on this...

> I read the e-mail note about PRIZES and saw the note about "in memory of
> Rod W7GVN". I didn't know Rod had passed away. I had worked him a few times.
> I must have missed the post. My belated condolences.

Apologies if word never made it to QRP-L. The news hit the AZ QRP "local" list and I guess we'd assumed it had been cc'd to QRP-L at some point.

Yes, sadly ScQRPion Rod (W7GVN) died last month. The only clue fellow Tucson ScQRPions had was that he'd missed a breakfast date with them. News came out a bit later. :-(

We'll all miss him. Darn shame. But it'll be nice to see his callsign in the Fox hunter standings for the rest of the season.

We all know life's too short. Spend as much of it as you can with friends/family, wherever they may be.

73 de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"Veni Vertical Vamos - I came, I radiated, I left". -AB7TT

Date: Wed, 7 Jan 1998 23:43:44 -0700
From: "Michael Connor" <mikec@primenet.com>
To: <qrp-l@Lehigh.EDU>
Subject: [382] MVP 12 volt power source battery swap
Message-ID: <01bd1c00\$c3c53160\$0427f5cc@nathan.phx.primenet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Greetings Compadres,

Several months ago I was walking through the local Target store when I happened upon one of these MVP 12V power source things in the

automotive dept. You know the ones, black plastic case with a handle, shoulder strap, a couple of cigarette lighter output sockets and its own little recharging circuit built in? Well, says I, gotta have one. Perfecto for radio runnin in the field. No more loose batteries and clip leads.

Nice. Even has a built-in light for lighting up the tent while you're running the rig.

Used it for several months with good success, but found it didn't last nearly as long as my Power Station battery. You see, the PS has a 12V, 7Ahr battery in it, while the MVP has 2 6V,4Ahr batteries. Then, after several months of use, the MVP batteries started slowly going south. Didn't wanna hold a charge anymore. I took it apart to check it out and upon removing the 6V batteries I noticed a little ridge around the case that seemed to be the same size as a 12V 7Ahr battery would be. Hmmm, says I, could it be? So, down to the local parts place I go and pick up a brand spanking new 12 volter, PowerSonic brand name. Well sir, to make a short story long, that 12'er fit right in there just like it was born there. Put the case halves back together and she fit real snug-like.

While I was in there, I went ahead and yanked out the little charging circuit board and wired the 12V input connector straight to the battery. I have a separate charger that I use and don't need their built-in charger. Anyway, I seem to recall somebody on the list a while back mentioning something about the internal charger not being that great on the batteries or something.

So there you have it. I now have another 12V, 7Ahr battery to take to the field, and just in time for....

FYBO!

Get ready.....:-)

Mike
N07K
AZ ScQRPions

Date: Wed, 07 Jan 1998 23:50:51 -0700

From: "Timothy J. Pettibone" <tpettibo@nmsu.edu>
To: qrp-1@Lehigh.EDU
Subject: [383] Tucson Rod
Message-ID: <3.0.3.32.19980107235051.00692128@dante.nmsu.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang:

Worked Rod (W7GVN) several times and exchanged cards. He was a gentleman and a QRP'er. May he chuckle at our silly efforts. We'll miss you Rod.

Tim K5OI

Date: Thu, 8 Jan 1998 02:48:40 -0500 (EST)
From: Bob Patten <n4bp@bc.seflin.org>
To: "George T. Baker" <w5yr@swbell.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [384] Re: Hamcalc
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 7 Jan 1998, George T. Baker wrote:
>
> How about a source or URL?
The latest version is available on my web page listed below.

73,

Bob Patten, N4BP (0 0) Plantation, FL
-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715

Date: Thu, 08 Jan 1998 02:44:02 -0800
From: Gardner / Maguire <bagardn@ibm.net>

To: Steven Weber <kd1jv@moose.ncia.net>
Cc: qrp-L@Lehigh.EDU
Subject: [385] Re: Accuracy of L/C IIB versus RF-1
Message-ID: <34B4ADF2.3CEF@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Steve (and FYI to the group),
Got your package a few days ago. Many thanks for the extra magnet wire.
I can't imagine what I'd do with 50 lbs of the stuff! Maybe you could
be the first ham on your block to have stealth rhombics on every band!

Concerning the measurements: I have good news and bad news. The good
news is that my L/C meter IIB and my Autek RF-1 produce results which
are amazingly consistent. The bad news is that neither one matches the
numbers that you sent me.

I was pretty careful in the measurements. Fresh batteries in both
instruments. Both allowed to warm up and stabilize for several minutes.
For the IIB, released the Lx button every few minutes to allow the base
freq to be remeasured, as Neil (Mr. AADE) suggested in his post.
Subtracted out the inductance of the test leads (obviously), automatic
on the IIB and manually on the RF-1. Made multiple measurements of each
toroid and allowed them to cool down between measurements (although I
certainly could not detect any heating). Tried not to disturb the
spacing of the turns as I handled them. Measurements were all
repeatable down to a few uH on both instruments for both cores.

Using the equations in the manual, the test freq was about 738 KHz for
the IIB. (Tried to detect it on my general coverage receiver, but
couldn't pick up a signal. Don't have a frequency counter.) On the
RF-1, test freq was about 36 MHz which put the readings in the most
accurate portion of the RF-1 range. (The RF-1 is definitely detectable
on a receiver, along with sub-harmonics all the way down the dial. I
don't know how the software on the RF-1 handles the business of
harmonics.) Average readings were:

For the red T37-2 with 10T: On the IIB, got 0.478 uH. On the RF-1, got
0.475 uH.

For the yellow T37-6 with 10T: On the IIB, got 0.384 uH. On the RF-1,
0.385 uH.

Pretty amazing, except that you got (red) 0.385 and (yellow) 0.300, so
my IIB numbers are 0.093 (24%) and 0.084 (28%) higher than yours. Only
way I can explain that is by the spacing of the turns. After I got
done with the initial measurements, I spread out the turns on the T37-2

to get 10T evenly spaced. Lowest value I could achieve was 0.430, still above what you got (0.385). Theory says 10T on a T37-2 gives 0.400, plus about 0.025 uH for 1.25 total inches of lead wire, to give a total of 0.425 uH theory versus 0.430 measured. Pretty dang close, almost too good to be true. On the other hand, when I squeezed the turns together so that they covered only about 90 degrees of the core, I could get up to 0.640 uH. (As I got them from you, the turns covered about 270 degrees on both cores.)

So, is there any chance the turn spacing on the cores could have been changed during the course of packing them? The box arrived in fine shape with no obvious damage. (It wasn't run over by a USPS forklift or anything like that!) I also know how cold it can get up there in the winter time. Thinking maybe that your furnace was on the blink when you took the measurements, I put a core in the freezer for 10 minutes. Only changed the measurement value by a few uH, about the same as the change on any other repeat measurement. (OK, I did that mostly on a lark, but I couldn't think of anything else to try!)

Also, I got essentially the same results on the IIB using test leads a few inches long (zeroed out) or direct measurement across the binding posts (zeroed out), after I realized that I had to add back in about 0.020 uH for the 1 inch wire that I used to short out the posts to get a zero reading. (Did you use test leads or direct measurement?)

I guess I'm not going to lose too much sleep over this, but if you can think of any explanation please let me know. Thanks again for the wire.

Happy New Year es 73,
Dan AC6LA

Date: Thu, 8 Jan 1998 06:43:05 -0600
From: "William R. Moore" <wr.moore@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [386] FOX tonight
Message-ID: <01bd1c32\$f7719300\$3312430c@wrmoorerpc>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'll be the Fox tonight (Jan. 9, 0100-0300 UTC). Note this is a time change that was posted in the last version of the schedule that Chuck published.

I'll be on 7035-7040khz with 5w.

Hope to work lots of you!

72,

Randy, KS4L

~.. . ~.~~ .~.. --... ..~
Randy Moore Huntsville, AL

Date: Thu, 8 Jan 1998 08:19:23 -0500
From: Peter_Simpson@3com.com
To: qrp-l@Lehigh.EDU
Subject: [387] REQ: CQ Mar '83 and 73 Jan '75
Message-ID: <85256586.0048E63D.00@hqoutbound.ops.3com.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii

Hi gang --

Just inherited a GRR-5 receiver and am trying to
get copies of two articles about it. The CQ one is on
pg 104 and the 73 one is on pg 64

Date: Thu, 08 Jan 1998 07:17:23 -0600
From: "Roger Whitaker [K9LJB]" <k9ljb@iname.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [388] Re: does AEA have a web page?
Message-ID: <34B4D1E2.4218DD3E@iname.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sorry to say, but AEA no longer exists AFAIK. Some of the product
lines have been taken over by other companies.

--

Roger B. Whitaker K9LJB QRP-L # 1403

"Madness takes its toll. Please have exact change."

Home page: <http://www.cityscape.net/~whitaker/>

Date: Thu, 08 Jan 1998 08:24:55 -0500
From: Zack Lau <zlau@arrl.org>
To: qrp-l@Lehigh.EDU
Subject: [389] Re: GPS receivers for under 00.00 {US}
Message-ID: <34B4D3A7.27C8@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The lowest cost GPS unit with grid squares (Maidenhead locator system) is the Garmin 38. No external antenna connection, but Paul Wade says it works just fine on the dashboard of a car... Zack W1VT

Date: Thu, 8 Jan 98 08:24:27 EST
From: "L. Mark Pilant - MS:ZK03-4/Y02 DTN:264-1529" <pilant@seesaw.ENET.dec.com>
To: qrp-l@Lehigh.EDU
Cc: pilant@seesaw.ENET.dec.com
Subject: [390] RE: Crane report (a.k.a. Sangaen 818/RS DX-390)
Message-ID: <9801081324.AA26145@us2rmc.zko.dec.com>

I picked up one of these new about 5 years back, and it has been fine since.

The only problem I had with it was a blown front-end FET (MPF-102) from a static discharge to the whip antenna. Fortunately, it was a normal T0-92 style, and was easily replaced. At the same time, I added a set of clamping diodes between the antenna and ground. I haven't had any problems since (and reception sensitivity doesn't seem to have suffered. BTW, this seems to be a not uncommon failure.

73

- Mark N1VQW

Date: Thu, 8 Jan 1998 07:34:07 -0600

From: Tom Moll <tomm@xata.com>
To: "'qrp-1@lehigh.edu'" <qrp-1@Lehigh.EDU>
Subject: [391] Aurora Pocket Elephant
Message-ID: <01BD1C07.CE8BD020@TOMM>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

<<

Somebody mentioned the other day that CompUSA was offering a the Aurora VR200 "Pocket Elephant" digital voice recorder essentially for free.

>>

I have been looking for a good clock for some time and this sounded = interesting, so I too went to the local CompUSA - they had never heard = of it and didn't know anything about it. However, while browsing the = store, I found an Aurora calculator that apparently has the same clock = built into it, but without the voice recorder. It was selling for \$9.95 = so I picked one up. Only problem - it doesn't work. Turn it on, follow = the instructions for setting the time, and it does nothing - can't set = it - it's hung. The calculator can't be activated - nothing. I'll take = it back and see if another one fares any better - it does look like a = neat gizmo - 12/24 hour operation, calendar, alarm, big numbers, etc.

Weird band conditions -

Are all my receivers broke, or have conditions just been really strange = and lousy ?

Tom Moll, NoBS

Date: Thu, 08 Jan 1998 09:18:03 -0500
From: Michael Tracy <mtracy@arrl.org>
To: qrp-1@Lehigh.EDU
Subject: [392] Re: does AEA have a web page?
Message-ID: <34B4E01B.6716@arrl.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wayne Barnhart wrote:

> Was wondering if AEA has a web page or some kind of e-mail facility...

AEA's digital products have been picked up by Timewave

(<http://www.timewave.com>) and their antenna products (as well as the right to keep using the AEA name) were obtained by Tempo Research (<http://www.aea-wireless.com/>)

--

Best Regards, Michael Tracy, KC1SX, ARRL Laboratory Engineer

American Radio Relay League, Inc. Tel: 1-860-594-0200
225 Main Street Fax: 1-860-594-0259
Newington, CT 06111 Email: mtracy@arrl.org (internet)

Date: Thu, 8 Jan 1998 14:24:24 GMT
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-1@Lehigh.EDU
Subject: [393] Sunspots 980108
Message-ID: <199801081424.0AA11139@chuck.dallas.sgi.com>

Gang,

If you have been wondering why the bad conditions on the higher bands, then go take a look at

<http://www.dxlc.com/solar/>

and set a bookmark at the page and visit it often.

In about 7 to 10 days the sunspot number has plummeted from the 65-75 neighborhood to less than 5. The solar flux has decreased from around 105 to 85 and now the Planetary A-Index has increased from near zero to 30.

So if the trend follows previous patterns, we will be in the valley of propagation lows for a few days more. Stay tuned to your radio for a return of signals. In the meantime you might consider taking out the unbuilt kit(s) and working on them. :-)

FYI

P.S. foxhunt tonight between 0100-0300UTC should be interesting.

Chuck Adams K5FO CP-60
<http://reality.sgi.com/adams> adams@sgi.com

Date: Thu, 08 Jan 1998 09:21:30 -0500
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: zlau@arrl.org
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [394] Re: GPS receivers for under 00.00 {US}
Message-ID: <34B4E0EA.6CA5@quartz.gly.fsu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Zack Lau wrote:

>
> The lowest cost GPS unit with grid squares (Maidenhead locator system)
> is the Garmin 38. No external antenna connection, but Paul Wade says
> it works just fine on the dashboard of a car... Zack W1VT

I have been told several times that the electronics in the GPS II is identical to the electronics in the 38. The GPS II has provision for external antenna, RTCM differential input, and NMEA output. I have several of them (all bought with grant money) and every one of them work as advertised.

Dont know anything about Maidenhead datums though. If Zack could tell which menu he finds them on (and what it is called) on the 38, I could verify that they are on the GPS II.

Have seen GPS II's on sale at E&B Marine or Boat US for \$130 recently. GPS II+ now out with 12 channel receiver (not really necessary for most of the stuff we are doing..to discuss why would require a discourse on dilution of precision) and some other new features. GPS III also on market now. I have seen it for abt \$370. Basically upgraded GPS II with moving map display. Really nice.

Henry

Date: Thu, 08 Jan 1998 08:32:53 -0600
From: Ed Manuel <n5em@flash.net>
To: qrp-1@Lehigh.EDU
Subject: [395] The Pocket Elephant: Revealed
Message-ID: <3.0.5.32.19980108083253.0084e100@pop.flash.net>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Howdy QRPers and techonodweebs.

OK, I couldn't take it anymore. I had to SEE what this device really was.
OK, you may not be able to get one for free. BUT, it is kinda neat and you
can buy one for about \$15. So, if you care, you can see it and find out
about it on the WEB (where else?).

<http://www.theradiomall.com/daily/18199.html>

Don't work there, don't own stock, blah, blah.

Ed Manuel, N5EM
n5em@amsat.org
n5em@flash.net

Date: Thu, 08 Jan 1998 12:35:57
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@Lehigh.EDU
Subject: [396] Re: Help pls: Low power FM Broadcast equip/laws/etc
Message-ID: <3.0.1.16.19980108123557.2d7787de@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Unfortunately, if you have a usable signal more than a couple hundred
>feet from the transmitter, you are probably illegal.

>

>The legal field intensity allowed just won't allow you to go very far.

>Will you get caught? Probably not, but the potential exists, and a

>confrontation with the FCC would be very embarrassing for a church.

>

I understand that for a while the FCC was pretty aggressive in shutting down
"neighborhood" broadcasters, if they got a few complaints about them.
(probably from the commercial broadcasters)

The neighborhood broadcasters in many cases were succesfull in arguing that
the FCC had no jeristriction (sp?) if the signal did not cross state lines.

So, your probably okay as long as your not causing interference to a commercial station or broadcasting generally offensive matterial. (But then, there are those who would be offended by hearing church services on Sunday, sadly enough. Of course, theses type of people are most likely still passed out from partying Saturday night...)

It's your call if you want to do this or not (set up a FM station) but if it were a big problem, I don't think Ramsey and others would be selling a lot of FM rigs designed specificly for the FM BCB along with thier so called 1 watt "export" booster amps.

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Thu, 08 Jan 1998 11:44:05
From: Steven Weber <kd1jv@moose.ncia.net>
To: bagardn@ibm.net
Cc: qrp-1@Lehigh.EDU
Subject: [397] Re: Accuracy of L/C IIB versus RF-1
Message-ID: <3.0.1.16.19980108114405.2d770130@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Dan, (and the group)

Thanks for the comparison. I'm encouraged that both meters measured effectivly the same. (I was worried that differrent test frequencies would give different results, especially with torriod cores that might be freq sensitive)

>For the red T37-2 with 10T: On the IIB, got 0.478 uH. On the RF-1, got >0.475 uH.

>

>For the yellow T37-6 with 10T: On the IIB, got 0.384 uH. On the RF-1, >0.385 uH.

>

>Pretty amazing, except that you got (red) 0.385 and (yellow) 0.300, so >my IIB numbers are 0.093 (24%) and 0.084 (28%) higher than yours. Only

I went and wound a new set of torriods. This time I got numbers much closer to yours. 0.470 uhy for the red T37-2 and 0.350 uhy for the yellow T37-6

I think what happend is the way I zeroed out the meter. First time I just held a piece of wire in the top of the binding posts with my hands. This time I screwed a short wire down between the jacks. I didn't use the test leads, either time, but connect directly to the binding posts.

So, now our number agree close enough for goverment work, given inevitable variations in how the two sets of coils were wound. Moral is you have to be carefull when making measurments!

Bottom line is that the AADC LC IIB is a fine piece of test equipment and worth every penny. Every home-brewerer should have one.

72,

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Thu, 8 Jan 1998 12:49:00 -0500
From: "Lau, Zack, W1VT" <zlau@arrl.org>
To: henryf <henryf@quartz.gly.fsu.edu>, zlau <zlau@arrl.org>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [398] Re: GPS receivers for under 00.00 {US}
Message-ID: <m0xqM31-000ZmxC@mgate.arrl.org>

Toggle the POSITION FRMT on the NAV SETUP page--Zack W1VT

Date: Thu, 8 Jan 98 09:55:52 -0000
From: Russ Carpenter <russ@natworld.com>
To: "QRP-L List" <qrp-l@Lehigh.EDU>
Subject: [399] Results of the January Spartan Sprint
Message-ID: <199801081751.JAA29990@guppy.pond.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Conditions last Monday night were about as crummy as they get.
World-class QRP operators struggled to get just a few contacts.
Congratulations to Pete, W6ZH, who contacted 10 of us against tough odds.
And thanks to all of you who participated and submitted logs.

We haven't posted the soapbox this month, because almost all the comments sounded the they came from a black hole.

Here's the good news--February will be a lot better. I guarantee it.

Results for the Skinny Division (sorted in order of points per pound)

Call	Name	80 M	40 M	Total	Weight	Points/ Pound
W6ZH	Pete	0	10	10	1.34	7.46
W3TS	Mike	3	0	3	.8	3.75
K6PZB	John	3	1	4	1.25	3.20
AA7QU	Russ	6	2	8	2.7	2.96
WD6FDD	Rich	3	0	3	2.6	1.15
WD3P	Larry	1	1	2	2.5	0.80
AB7TK	Randy	1	1	2	2.5	0.80
K7VYY	Bob	6	0	6	30	0.20
K06KA	Bob	0	1	1	14.8	0.07
VE3ELA	Ken	1	1	2	30	0.07

Results for the Tubby Division (sorted in order of points)

Call	Name	80 M	40 M	Total
W6ZH	Pete	0	10	10
AA7QU	Russ	6	2	8
K7VYY	Bob	6	0	6
K6PZB	John	3	1	4
W3TS	Mike	3	0	3
WD6FDD	Rich	3	0	3
VE3ELA	Ken	1	1	2
WD3P	Larry	1	1	2
AB7TK	Randy	1	1	2
K06KA	Bob	0	1	1

Mark your calendars for February 2. See you then!

Russ Carpenter, AA7QU
Contest Manager

Date: Thu, 8 Jan 1998 11:56:29 -0600
From: "Kelly Ellison" <kelman@dialnet.net>
To: <qrp-1@Lehigh.EDU>
Subject: [400] Help with R-5, LDG Tuner COOL!
Message-ID: <199801081755.LAA11888@shell.dialnet.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hello all,

I have received a used R-5 antenna and the rivet on the bottom insulator has popped off. I can't believe that is the only thing holding that antenna together... anyway, has anyone come up with a fix for this. I could drill a hold in the insulator opposite the first hole and run a screw through there... but will I crack the fiberglass insulator? I know it must be a common problem. Any feedback would be helpful.

I got a LDG QRP autotuner the other day and boy is it cool! I don't know what the losses are compared to a conventional tuner but this thing is really neat. How did I ever go with out it? The Antenna is a 280 ft loop fed with ladder line to a home brew wound balun and a short length of RG-8X coax. It hasn't had any trouble tuning any band so far.. 10-80. Congrats to the guys at LDG! So far hadn't seen a negative to this type of operation. 73 and Happy New year!

Kelly Ellison
WB0WQS
QRP-L #702

Date: Thu, 8 Jan 1998 13:40:33 -0500 (EST)
From: Gary M Diana <gmdiana@kodak.com>
To: qrp-l@Lehigh.EDU
Subject: [401] QRP Forums at Dayton
Message-ID: <199801081840.NAA25074@kodaki.kodak.com>

Hello All -

I visited the Dayton98 Hamvention website:
<http://www.hamvention.org.activities.html>

I looked through the list of Hamvention-sponsored forums, and was disappointed not to see a one. Now it's possible all the forums are not set up yet, but it would be a great loss if there was not at least ONE QRP forum! Not to take anything away from FDIIM or the happenings at the Days Inn South, but many of the people that perhaps have not tried QRP will be at the Arena.

I'm going to do some poking around, and I'll post my results with regard to any forum openings.

73 for now...

- Gary N2JGU
gmdiana@kodak.com
n2jgu@juno.com

Date: Thu, 8 Jan 1998 12:03:37 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-l@Lehigh.EDU
Subject: [402] For K10J
Message-ID: <199801081902.MAA23946@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Sorry to have to use the reflector for this, but swbell.net says it doesn't know you anymore, OJ. It was a CQCLIST message that bounced.

73
Marshall Emm
N1FN/VK5FN
n1fn@mtechnologies.com
Milestone Technologies
Software, kits, tools...
<http://www.mtechnologies.com>
(303)752-3382
--

Date: Thu, 08 Jan 98 15:03:17 PST
From: "Bob Fox" <aa8yo@tir.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [403] WBL Paddles
Message-ID: <MAPI.Id.0016.006138796f2020203030303530303035@MAPI.to.RFC822>
MIME-Version: 1.0
Content-Type: text/plain; charset="ISO-8859-1"; X-MAPIextension=".TXT"
Content-Transfer-Encoding: quoted-printable

Gang,

After almost 5 months, my WBL Paddles arrived at my door yesterday.
What can I say about them that already has'nt been said ? They are
absolutely superb !! In only a couple hours they have become, by far,
my favorite set of paddles. I buyin' more.....

73 - Bob / AA8Y0

~~~~~  
email: aa8yo@tir.com  
FISTS #3056 QRP-L #1174  
QRP-ARCI #9487 MI-QRP #1595  
Dearborn, MI / Grid EN82  
Amateur Civil War Historian  
~~~~~

Date: Thu, 08 Jan 1998 14:43:38 -0500
From: Michael Maiorana <mikemo@ibm.net>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [404] Daton Hotels
Message-ID: <34B52C6A.503E@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Is there going to be a concentration of QRP'ers at any hotel in Dayton.
I've been thinking about going and want to stay with "the in crowd" ;-)

Thanks
72 de kf4trd
Mike Maiorana
--

Date: Thu, 8 Jan 1998 14:49:57 EST
From: N10DL <N10DL@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [405] GAP antennas
Message-ID: <d221846b.34b52de6@aol.com>
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I read an article about these antennas and think that one of the verticals will work for me at my QTH. does anyone know the website address or a phone number I can call for information?

thank,
Aron Brown
N10DL
QRP-L#1326
FISTS#4110

Date: Thu, 8 Jan 1998 15:09:11 -0500
From: Rick McNelly <72507.235@compuserve.com>
To: qrp-l@Lehigh.EDU
Subject: [406] Re: Instant replay ... usefulness? I ha
Message-ID: <199801081512_MC2-2E96-9C3E@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

I have been using a microcassette recorder for this function. Mine allows me to record at or higher speed, then play it back at a slower tape speed. I then use a fast play switch to obtain a speed somewhere in-between. This is functional but sometimes takes too long searching to find the part I recorded.

My son had a toy digital voice recorder that had a variable speed control. You could set it to fast before recording, and then have fun slowing the replay down (this would be essential for me). It only recorded for 12 secs or so, but it also only cost around \$12. I think my son lost this thing, but I may look in the toy stores for one. Your post has me interested. Maybe I'll find a bright purple one!

72/73's,

--Rick, KE4IZH

Chesapeake, Va.

Hi,

I was just wondering about how useful it would be to build an instant replay device. I got the idea from some discussion about the Cockpit Voice Recorders and thought it would be really easy to build such a device to keep the last 30 seconds of the radio's audio and will play it back at the press of

a button. Might come in handy for those missed or garbled calls. So, how would you rate the usefulness of such a device? Thanks.

73 de 9V1ZV Daniel

Date: Thu, 08 Jan 1998 15:17:45 -0500
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: zlau@arrl.org
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [407] Re: GPS receivers for under 00.00 {US}
Message-ID: <34B53469.71EF@quartz.gly.fsu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Lau, Zack, W1VT wrote:

>

> Toggle the POSITION FRMT on the NAV SETUP page--Zack W1VT

Yup..it's in there. Whole bunch of other grids also. First time I entered that menu.

BTW for those of us who like to go fast, the previously discussed GPS III will indicate speeds in excess of 90 knots (appx 100 mph). The GPS II and the 38 (I believe) will not indicate vehicle speeds in excess of 90 kts.

Henry

Date: Thu, 08 Jan 1998 12:24:54 -0800
From: Bob Bayha <rbayha@ix.netcom.com>
To: N10DL@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [408] Re: GAP antennas
Message-ID: <34B53616.C690E299@ix.netcom.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Aron....

Lotsa info at: <http://www.gapantenna.com>

Bob, KF6HXS

N10DL wrote:

> I read an article about these antennas and think that one of the verticals
> will work for me at my QTH. does anyone know the website address or a phone
> number I can call for information?
>
> thank,
> Aron Brown
> N10DL
> QRP-L#1326
> FISTS#4110

Date: Thu, 08 Jan 1998 14:59:32
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@Lehigh.EDU
Subject: [409] Re: Accuracy of L/C IIB versus RF-1
Message-ID: <3.0.1.16.19980108145932.24174726@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>>>Bottom line is that the AADC LC IIB is a fine piece of
>test equipment and worth every penny. Every
>home-brewer should have one.
><<

I was reminded that I forgot to mention who makes and sells the AADC LC IIB meter. It is made by Almost All Digital and can be bought from a number of suppliers, I got mine from Marshall Elmm, one of our list members and supplier of fine qrp goodies.

BTW, at the same time I bought one of the HK-708 Hi-Mount straight keys from Marshall and am very happy with it. It works very nice, although I

must say it looks a bit strange. Not your "normal" J-38 style key.

Normal disclaimer, etc, etc...

Marshall Emm
N1FN/VK5FN
n1fn@mtechnologies.com
Milestone Technologies
Software, kits, tools...
<http://www.mtechnologies.com>
(303)752-3382

Date: Thu, 8 Jan 98 13:04:40 PST
From: Paul Erickson <paul1@wizard.ucs.sfu.ca>
To: kd1jv@moose.ncia.net
Cc: qrp-1@Lehigh.EDU (qrp)
Subject: [410] HK-708 Hi-Mount key?
Message-ID: <9801082104.AA03799@wizard.ucs.sfu.ca>

Hi Steve,

>
> BTW, at the same time I bought one of the HK-708 Hi-Mount straight keys
> from Marshall and am very happy with it. It works very nice, although I
> must say it looks a bit strange. Not your "normal" J-38 style key.
>
> Normal disclaimer, etc, etc...
>
> Marshall Emm
> N1FN/VK5FN
> n1fn@mtechnologies.com
> Milestone Technologies
> Software, kits, tools...
> <http://www.mtechnologies.com>
> (303)752-3382

I would appreciate more comments on this key. I have a NYE straight key and have been looking for another for SKN. I really like the look of the Kent, but the current exchange rate is making that less attractive. Anyone else have any comparative experiences they can share?

cheers, Paul
VE7CQK

email: paul1@wizard.ucs.sfu.ca

>

Date: Thu, 8 Jan 1998 16:02:39 -0500
From: "Bob Kellogg" <ae4ic@nr.infi.net>
To: <kelman@dialnet.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [411] Re: Help with R-5, LDG Tuner COOL!
Message-ID: <199801082105.QAA21064@mailhost.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi Kelly,

> I got a LDG QRP autotuner the other day and boy is it cool! I don't know
> what the losses are compared to a conventional tuner but this thing is
> really neat.

My tests indicated the LDG QRP autotuner was very efficient.

Bob Kellogg, AE4IC, Greensboro, NC
Probably, but not nececelery. -- Benny Hill

Date: Thu, 08 Jan 1998 16:09:02 -0600
From: Bob Liesenfeld <wb0poq@visi.com>
To: QRP-L reflector <qrp-l@Lehigh.EDU>
Subject: [412] QRP Quarterly missing pages
Message-ID: <34B54E7E.488715DA@visi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Help!

My Quarterly came today missing pages 13-20, and 49-56. Is anyone willing to copy/snail or scan/e-mail these to me? I will pay! I need my magazine! :-)

Thanks and I love the new format.

72

--

Genuine E-mail From the Land of the Everlasting Icicle...
Bob Liesenfeld

wb0poq@visi.com

Date: Thu, 8 Jan 98 13:18:57 PST
From: Paul Erickson <paul1@wizard.ucs.sfu.ca>
To: qrp-1@Lehigh.EDU (qrp)
Subject: [413] Vertical phasing network
Message-ID: <9801082118.AA04219@wizard.ucs.sfu.ca>

I have been looking at some recent articles on phasing verticals, and would appreciate hearing from those who have built networks. I am looking to build a network that will allow phase adjustment between dissimilar antennas, but plan to have the matching chores done by either the internal antenna tuner in my ts940 or my LDG AT-11.

Looking forward to your comments.

cheers, Paul
VE7CQK
email: paul1@wizard.ucs.sfu.ca

Date: Thu, 8 Jan 1998 13:32:54 -0800 (PST)
From: "Allan G. Taylor" <ataylor@heracles.llnl.gov>
To: qrp-1@Lehigh.EDU
Subject: [414] Need Hawaii??
Message-ID: <199801082132.NAA21090@heracles.llnl.gov>

Sam, KH6AFS, was booming in about an hour ago on 15m. He is running 2 solar-powered watts of Tentec 509 to a 600 ft rhombic aimed at the US mainland. He was at 21027~

Enjoy...

Grant/K7GT

Date: Thu, 08 Jan 1998 23:20:41 -0800
From: vllario@eic.ictnet.es (Vicenc Llarío i Zarzoso)
To: qrp-1@Lehigh.EDU
Subject: [415] QRP Plus performance

Message-ID: <34B5CFC9.4D31@eic.ictnet.es>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Hi gang!

Firs of all thank you very much to all those who answered my previous correspondence to the list not only for the OHR Classic info but also to say "Merry Christmas". Anyway here comes my question. During my short Xmas holidays in EA6 I loaned my QRP Plus with serial number 1376 (one of the first rigs of the second release) to a friend of mine who wanted to perform some RX tests. The fact is that he wrote me a nice report in which he pointed out that the figures he had obtained seemed to be quite a lot noise dependent. In other words, he told me that the rig probably suffered from synthesizer phase noise. He had to perform the tests with 30Khz spacing instead of 20Khz because of noise. Here come the figures he obtained with my QRP ++.

	80m	40m	20m	15m	10m
MDS	-117dB -115dB	-117dB	-118dB	-118dB	-118dB
Blocking D.R.	98dB	93dB	89dB	89dB	89dB
IMD D.R.	84dB	85dB	87dB	85dB	83dB

When comparing the above figures with the ones of the Product Review in QST September 1996 I realised that my rig was obviously a little bit ill. The fact is tha Dave Newkirk reports that some of the rigs Index set for testing exhibited similar figures and that the culprit was synthesizer phase noise. I wonder if someone in the list has experienced a similar "feeling" and has any remedies to cure my "Local Oscillator Board" phase noise which I suppose must not be the only one. Any comments or suggestions will be welcome. Please be so kind of replying to my own E-mail and probably as well to the list as far as some other users may be aware of the same problem. If someone has any "original" mod suggested by Index Labs I would appreciate to have it. I had already to change R5 and R33 on the AF Board as far as they had wrong values. Thank you in advance to all for your kind cooperation and help.

Vicen , EA3ADV QRP
EA-QRP # 4
G-QRP # 7384
ARCI # 8454

Date: Thu, 8 Jan 1998 16:49:17 -0500
From: "W. D. (Doc) Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:wb0poq@visi.com" <wb0poq@visi.com>
Cc: QRP Discussion Group <qrp-l@Lehigh.EDU>, "Doc (W.D.) Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [416] QRP Quarterly missing pages
Message-ID: <199801081653_MC2-2E96-A5B5@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Bob and Fellow QRPers:

>> Help!

My Quarterly came today missing pages 13-20, and 49-56. Is anyone willing to copy/snail or scan/e-mail these to me? I will pay! I need my magazine! :-)

Thanks and I love the new format.

72

Bob Liesenfeld

wb0poq@visi.com <<

->Yep, mine is missing all these pages, too. Took advantage of jumping on your thread. Hope you don't mind :-). Really *do* want all pages!

So if anyone can help, I would also greatly appreciate it:

Dr. W. D. Lindsey

MWBC

519 16th Street SE

Rochester, MN 55904.

This would be a great favour, and I hope to be able to return it someday.
Thanks.

72/73,

--Doc/K0EVZ qrp-l 861 Rochester, Minnesota--home of the Mayo Clinic

Date: Thu, 08 Jan 1998 16:01:19 -0600
From: "Roger Whitaker [K9LJB]" <k9lj@iname.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [417] Re: HK-708 Hi-Mound key
Message-ID: <34B54CAE.E2261D94@iname.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Paul, I, too, bought one of the High Mounds from Marshall and I recommend it very highly. (I also recommend Marshall highly.) I have had one of the Nye straight keys and it is a very good conventional key, but the HK-708 has the edge. The permanently lubricated bearings eliminate any need for lateral adjustment and I like the base that comes with it so that you don't have to screw it down or mount it on a plate. The action is very smooth and positive. I like it so well that I am considering one of their bugs and/or paddles. They have been around making keys for a long time. My vote is HK-708. It is more cost effective, too.

Usual disclaimer, yadda, yadda...

Roger Whitaker K9LJB QRP-1 #1403
"Madness takes its toll, please have exact change."
<http://www.cityscape.net/~whitaker>

Date: Thu, 08 Jan 1998 17:02:44 EST
From: sigcom@juno.com (Stephen M Smith)
To: qrp-1@Lehigh.EDU
Subject: [418] TRW swapmeet
Message-ID: <19980108.140109.15927.0.sigcom@juno.com>

Group:

For the guys who asked me about the TRW swapmeet, the gsURL is:

<<http://w6trw.sp.trw.com/w6trw/swap.htm>>

73.....Steve, WB6TNL

Date: Thu, 08 Jan 1998 16:04:08 -0600
From: John Sullivan <sullivjd@sound.net>
To: qrp-1@Lehigh.EDU

Subject: [419] Re: QRP Quarterly missing pages
Message-ID: <34B54D58.560@sound.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

All of the pages of my copy are missing...8^(
(

If they were all mailed at the same time...at what point does one panic?

No Quarterly here...de kg0mz

Date: Thu, 08 Jan 1998 22:10:32 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [420] Re: QRP Quarterly missing pages
Message-ID: <34B54ED8.4D7B@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

My QQ has not arrived yet and believe it
or not -- I'm missing ALL the pages.

-Sorry, couldn't resist.

I'm really looking forward to whatever they send me.

-Ed

--

72/73 de we6w qrp es CW ONLY (K8FF/Norcal Paddles! TLC555 HB keyer)
HW-8,0HR-100, Pixie2, Johnson Viking II, Drake TR-3, NC38S.
QRP-L#1068,ARCI#9397,Norcal#2227,ARS#275,AR#112 grid CM88ok
<http://www.qsl.net/we6w> (From Non-Ham to Extra in one Day.)

Date: Thu, 08 Jan 1998 17:12:39 -0500
From: Michael Maiorana <mikemo@ibm.net>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [421] Re: Daton Hotels
Message-ID: <34B54F57.79D3@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Scott Rosenfeld [NF3I] wrote:

>

> Days Inn, Dayton South, the location of all the QRP events.

So who has all the rooms at the days inn? They are booked solid on the 16th. Bummer....

Was there a group purchase?

"you snooze, you lose"

Thanks

72 de kf4trd

Mike Maiorana

--

If it's tourist season, why can't we shoot them?

Date: Thu, 8 Jan 1998 14:30:50 -0800 (PST)
From: Monte Stark <ku7y@sage.dri.edu>
To: John Sullivan <sullivjd@sound.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [422] Re: QRP Quarterly missing pages
Message-ID: <Pine.SUN.3.90.980108142633.27335B-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 8 Jan 1998, John Sullivan wrote:

> All of the pages of my copy are missing...8^(

>

> If they were all mailed at the same time...at what point does one panic?

>

> No Quarterly here...de kg0mz

I got mine in the mail box two days ago but my boss who lives about 3 miles from me is still waiting to see his!!

Not only do the arrival times from the USPS differ, but so does UPS.

It took UPS from Dec 23rd to Jan 5th to get a box to me while the same box from the same place/time was received all over the USA weeks sooner!!

Keep the faith.....

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 8 Jan 1998 14:34:29 -0800 (PST)
From: Monte Stark <ku7y@sage.dri.edu>
To: Bob Liesenfeld <wb0poq@visi.com>
Cc: QRP-L <qrp-l@Lehigh.EDU>
Subject: [423] Re: QRP Quarterly missing pages
Message-ID: <Pine.SUN.3.90.980108143311.27335F-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Bob,

Send my your address and another one will be in the mail tomorrow.

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: 08 Jan 1998 16:14 EST
From: "Michael Babineau" <babineau@nortel.ca>
To: qrp-l@Lehigh.EDU
Subject: [424] Compact Loop Antennas and Wild weather in Ottawa
Message-ID: <199801082248.RAA37310@nss4.cc.Lehigh.EDU>

I'm finally getting caught-up on my backlog of digests.
I saw some fairly recent postings on Compact loop antennas and wanted
to add my own \$0.02 to the topic.

About a year or so ago there was a discussion on this list regarding

DCTL Loops and I just wanted to say a few words on this for the benefit of any newcomers to the list that are looking to build some sort of compact loop antenna.

DCTL or Distributed Capacitance Twisted Loops are discussed in detail in a July 1994 QST article called "Roll your own 80M Compact loop". Like other compact loops they are small, I believe about 1/10 of a wavelength. Unlike other compact loops they do not use a lumped capacitance for tuning.

These loops are constructed from 300ohm twin-lead and utilize the two conductors and the dielectric separating them to distribute the capacitance across the loop. They are cheap to build, are fine-tuned via an open stub also made from twin lead and are fed using twin-lead to coax thru a 4:1 balun or a tuner. The design utilizes a hair-pin matching section (twin-lead as well) to transform the relatively low impedance of the loop to 300 ohms.

The loops work pretty well and are dirt-cheap to build. I just built one for 17m and it is small enough that I can tape to to an adjacent bedroom door using masking tape. This way I can rotate the antenna by swinging the door around. The loop is much quieter than the indoor dipole that I had up before.

The QST article is quite comprehensive with theory as well as practical construction details and measurements for 160M - 10M.

On a completely unrelated note. We here in Ottawa are in a state of Emergency due to an incredible amount of freezing rain that we have received, resulting in downed power lines and trees all over the place. I heard that as many as 30,000 people in the area are without power. This has been going on since Monday with freezing rain warnings extending into the weekend. Quebec has been even harder hit than us.

So far so good for me .. no power problems and amazingly my inverted-L, in spite of having a one inch ice-coating, has survived so far. This is a "stealth" antenna made of 26awg magnet wire going up about 25 ft vertically in a spruce tree and across about 15 feet to another tree which in danger of collapsing due to the ice load. Work is out until Monday so I get an extended weekend.

Michael
VE3WMB

Date: Thu, 08 Jan 1998 16:12:49 -0700
From: pete petry <cpetry@ccs.lmco.com>
To: qrp-1@Lehigh.EDU
Subject: [425] Sommer's T-25 Vertical Antenna
Message-ID: <34B55D71.6A73@ccs.lmco.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello--

I am thinking of buying a Sommer's T-25 "traveling wave/terminated" vertical antenna. Does anyone on the list have experience with this puppy? (I am willing to trade off a couple of dB for the ability to QSY up and down at will without tuning.)

Thanks,

--

Pete Petry/WD4DHR
Lockheed-Martin
Command & Control Systems
9970 Federal Drive
Colorado Springs, CO 80921
719-594-1265 (v)
Email: cpetry@ccs.lmco.com

Date: Thu, 08 Jan 1998 16:25:55 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: qrp-1@Lehigh.EDU
Subject: [426] FOX Flux
Message-ID: <34B4FE13.466607DC@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, now. One hour and 42 minutes before Fox time, and the Flux is 82, A Index is 4, and K is 1. This is going to be a tough one. Speak louder, Randy...:-)

--

72/73, de Roger, N7KT

Date: Thu, 8 Jan 1998 17:55:46 -0500
From: "Bob Kellogg" <ae4ic@nr.infi.net>
To: <paul1@wizard.ucs.sfu.ca>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [427] Re: Vertical phasing network
Message-ID: <199801082328.SAA11808@mailhost.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Paul,

I've built a QRP version of the matching network used in the article in Antenna Compendium 3, page 37. This unit allows continuous phase control when the antenna impedances are both 50 ohms, and the rig side is also 50 ohms. It works on several bands with matched vertical antennas.

It would probably give some interesting patterns with dissimilar antennas.

If I were to use antenna tuners with it, I'd use them on the antenna side, not the rig side, however. Maybe this is not the unit you have in mind. It's sort of an all purpose unit that could be overkill for a single band antenna.

CUL,
Bob Kellogg, AE4IC, Greensboro, NC
Prolably, but not nececelery. -- Benny Hill

> I have been looking at some recent articles on phasing verticals, and
> would appreciate hearing from those who have built networks. I am looking
> to build a network that will allow phase adjustment between dissimilar
> antennas, but plan to have the matching chores done by either the
internal
> antenna tuner in my ts940 or my LDG AT-11.

Date: Thu, 08 Jan 1998 18:30:24 -0500
From: "Hugo W. Catta" <catta@ibm.net>
To: "kelman@dialnet.net" <kelman@dialnet.net>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [428] [Fwd: Help with R-5, LDG Tuner COOL!]
Message-ID: <34B56190.EAF480DE@ibm.net>

MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="-----17A9924DD330B2BC6116DE93"

This is a multi-part message in MIME format.

-----17A9924DD330B2BC6116DE93
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

-----17A9924DD330B2BC6116DE93
Content-Type: message/rfc822
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Message-ID: <34B55F90.E47B76AC@ibm.net>
Date: Thu, 08 Jan 1998 18:21:52 -0500
From: "Hugo W. Catta" <gastoncatta@ibm.net>
Reply-To: gastoncatta@ibm.net
X-Mailer: Mozilla 4.04 [en] (Win95; I)
MIME-Version: 1.0
To: kelman@dialnet.net
CC: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: Re: Help with R-5, LDG Tuner COOL!
References: <199801081755.LAA11888@shell.dialnet.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi, Kelly:

I have an R-7 with a similar problem. What happens is that the fiberglass flakes off , and the solution seems at first to be the drill and two good bolts. It did not work in my case. I called Cushcraft and they said that the later version was improved. By their advise, I ordered a new bottom section which came with four bolts instead of the two rivets an glued with epoxy. This is way stronger than the original. I paid something around \$ 47.00 plus shipping. The R-5's bottom section might be smaller and cheaper.

Good Luck

Hugo,
W2\CX9AAK
QRP-L #(who knows)

Kelly Ellison wrote:

> Hello all,
>
> I have received a used R-5 antenna and the rivet on the bottom insulator

> has popped off. I can't believe that is the only thing holding that
> antenna together... anyway, has anyone come up with a fix for this. I
> could drill a hole in the insulator opposite the first hole and run a
> screw through there... but will I crack the fiberglass insulator? I know
> it must be a common problem. Any feedback would be helpful.
>
> (...snip...)
> Kelly Ellison
> WB0WQS
> QRP-L #702

-----17A9924DD330B2BC6116DE93--

Date: Thu, 08 Jan 1998 15:30:17 -0800
From: Gardner / Maguire <bagardn@ibm.net>
To: Steven Weber <kd1jv@moose.ncia.net>
Cc: qrp-L@Lehigh.EDU
Subject: [429] Re: Accuracy of L/C IIB versus RF-1
Message-ID: <34B56189.79D8@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve,

Well hot diggity dogs. My faith in technology is restored!

>
> I think what happened is the way I zeroed out the meter. First time I just
> held a piece of wire in the top of the binding posts with my hands. This
> time I screwed a short wire down between the jacks. I didn't use the test
> leads, either time, but connect directly to the binding posts.

>
The business about zeroing out the meter had me going for a while. I
would consistently get readings that were about .020 uH higher when
using the test leads (zeroed out) as when using the binding posts
(zeroed out with a short piece of wire). Then I realized that my "short
piece of wire" was actually an inductor having a value of (surprise!)
.020 uH (according to tables in the handbook for a 1 inch piece of #20
wire). So I was actually telling the IIB to zero out not only the stray
inductance of the meter but also an extra .020 uH, thereby making all
subsequent readings be .020 uH too low.

I've really been humbled since I started playing with the IIB. First I can't get disk ceramics to agree using the IIB versus the RF-1, so I think "Huh, must be inaccuracies in the meter(s)." Turns out most ceramics really change capacitance significantly under differing frequencies. Then I can't get the IIB to give consistent readings when using test leads versus using the binding posts, so I think "Huh, must be inaccuracies in the meter." Turns out the meter was just doing what I -told- it to do, not what I -wanted- it to do.

In spite of my bruised ego, I couldn't agree more that the IIB is a valuable piece of test gear. I don't know how I ever got along without it. Now if it just had an extra chip with some artificial intelligence built in to make up for my lack, it would be perfect! <g>

73

Dan AC6LA

End of QRP-L Digest 964

